Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\
Data File : BN013539.D
Acq On : 29 Jan 2021 15:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02058

Quant Time: Jan 29 15:50:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:31:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	313251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1305712	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	803739	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1609616	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1618900	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1633394	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	58067	7.96	ng/uL	0.00
5) Phenol-d5	6.73	99	461739	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	267171	19.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	386410	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	366437	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	176032	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	188851	20.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	365801	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	499995	23.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	1064097	19.76	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	1422890	20.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	202518	19.39	ng/ul	0.00
58) Fluorene-d10	15.19	176	936903	19.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	159978	18.58	ng/ul	0.00
71) Anthracene-d10	17.04	188	1429373	20.48	ng/ul	0.00
79) Pyrene-d10	19.35	212	1555810	20.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1630809	20.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	58230	7.894	ng/uL	98
4) Benzaldehyde	6.71	77	279656	23.639	ng/ul	97
6) Phenol	6.76	94	496058	20.086	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.99	93	386870	20.066	ng/ul	98
10) 2-Chlorophenol	7.12	128	413279	20.059	ng/ul	99
11) 2-Methylphenol	7.99	108	363186	19.761	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	551504	19.911	ng/ul	99
14) Acetophenone	8.36	105	609798	20.817	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.36	70	277992	20.484	ng/ul	98
16) 4-Methylphenol	8.32	108	405013	20.120	ng/ul	98
17) Hexachloroethane	8.62	117	161915	19.985	ng/ul	96
20) Nitrobenzene	8.74	77	417967	20.271	ng/ul	98
21) Isophorone	9.26	82	747976	20.675	ng/ul	99
23) 2-Nitrophenol	9.44	139	224585	21.383	ng/ul	98
24) 2,4-Dimethylphenol	9.51	107	443459	20.597	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	505014	19.816	ng/ul	99
27) 2,4-Dichlorophenol	9.97	162	380878	20.589	ng/ul	98
28) Naphthalene	10.37	128	1333501	19.906	ng/ul	99
30) 4-Chloroaniline	10.48	127	514862	23.168	ng/ul	99
31) Hexachlorobutadiene	10.66	225	226983	19.984	ng/ul	96
32) Caprolactam	11.22	113	104599	18.935	ng/ul	97
33) 4-Chloro-3-methylphenol	11.61	107	392800	20.823	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	935270	19.983	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.21	142	915523	20.255 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	449350	19.892 ng/ul	98
38) Hexachlorocyclopentadiene	12.35	237	258011	18.651 ng/ul	98
39) 2,4,6-Trichlorophenol	12.61	196	278100	20.319 ng/ul	96
40) 2,4,5-Trichlorophenol	12.68	196	301845	19.612 ng/ul	99
41) 1,1'-Biphenyl	13.02	154	1184884	19.481 ng/ul	98
42) 2-Chloronaphthalene	13.06	162	930492	19.764 ng/ul	97
43) 2-Nitroaniline	13.26	65	223190	20.113 ng/ul	99
45) Dimethylphthalate	13.66	163	1109613	19.827 ng/ul	99
46) 2,6-Dinitrotoluene	13.77	165	218508	20.533 ng/ul	99
48) Acenaphthylene	13.91	152	1391419	20.089 ng/ul	99
49) 3-Nitroaniline	14.10	138	224791	20.976 ng/ul	99
50) Acenaphthene	14.26	153	996597	19.886 ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	102375	16.904 ng/ul	96
53) 4-Nitrophenol	14.41	109	150522	19.629 ng/ul	97
54) Dibenzofuran	14.59	168	1370307	19.682 ng/ul	100
55) 2,4-Dinitrotoluene	14.56	165	322822	20.627 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.82	232	244417	20.219 ng/ul	94
57) Diethylphthalate	15.03	149	1091752	19.844 ng/ul	98
59) Fluorene	15.25	166	1100874	19.747 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.25	204	537788	20.261 ng/ul	98
61) 4-Nitroaniline	15.26	138	249908	20.784 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.32	198	168207	18.900 ng/ul#	99
65) N-Nitrosodiphenylamine	15.46	169	938917	20.200 ng/ul	96
66) 4-Bromophenyl-phenylether	16.15	248	317130	20.478 ng/ul	96
67) Hexachlorobenzene	16.25	284	366804	20.665 ng/ul	99
68) Atrazine	16.42	200	314870	20.026 ng/ul	99
69) Pentachlorophenol	16.59	266	186730	18.588 ng/ul	98
70) Phenanthrene	16.99	178	1752500	20.285 ng/ul	99
72) Anthracene	17.07	178	1805805	20.657 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.98	216	451839	20.197 ng/uL	98
74) Pentachlorobenzene	14.52	250	431280	19.867 ng/uL	96
75) Carbazole	17.35	167	1591722	20.907 ng/ul	99
76) Di-n-butylphthalate	17.93	149	1768694	20.704 ng/ul	100
77) Fluoranthene	19.01	202	1939572	21.158 ng/ul	100
80) Pyrene	19.37	202	2037824	19.994 ng/ul	99
81) Butylbenzylphthalate	20.30	149	746314	20.614 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.07	252	598159	20.696 ng/ul	98
83) Benzo(a)anthracene	21.13	228	1976419	20.319 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	1231491	21.746 ng/ul	100
85) Chrysene	21.18	228	1849835	19.192 ng/ul	99
87) Di-n-octyl phthalate	21.95	149	1977932	20.667 ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	2014045	20.421 ng/ul	100
89) Benzo(k)fluoranthene	22.71	252	1982762	20.677 ng/ul	97
91) Benzo(a)pyrene	23.22	252	1793464	20.723 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.46	276	2262610	20.392 ng/ul	99
93) Dibenzo(a,h)anthracene	25.48	278	1904503	20.382 ng/ul	97
94) Benzo(g,h,i)perylene	26.12	276	1907192	20.426 ng/ul	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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